

Appl. No. 10/708,765  
Amdt. dated March 9, 2006  
Reply to Office action of February 6, 2006

#### REMARKS/ARGUMENTS

1. Rejection of claims 1-8 and 10-21 under 35 U.S.C. 112, second paragraph:

5 The term "first index parameter", "second index parameter", "index parameter", or "term index parameter" in claims 1-4, 8, 10, 14, and 16-18 is a relative term, which renders the claims indefinite.

#### **Response:**

10 Claims 1 and 14 have been amended to more clearly define the terms "first index parameter" and "second index parameter". These claim amendments are supported in paragraph 0018 of the specification, and no new matter is added. The index parameter is a ratio of driving pulses output by the controller to the corresponding displacement that the step motor will move. Therefore, when utilizing the controller for outputting a control signal to the stepping motor according to a target displacement and a first index parameter, the target displacement is multiplied by the first index parameter for calculating a total  
15 number of driving pulses required to achieve the target displacement. With the amendments to claims 1, 14, and the specification, the applicant believes that the terms "first index parameter" and "second index parameter" are now sufficiently defined to clear up any indefinite language in the claims.

20 In view of these amendments to the claims, the applicant believes that all claims now distinctly claim the invention. Reconsideration of claims 1-8 and 10-21 is respectfully requested.

2. Rejection of claims 1-3, 12, 14, and 15 under 35 U.S.C. 103(a):

25 Claims 1-3, 12, 14, and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Baur (US 4,949,027) in view of Kao (DE 424068).

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**Response:**

Independent claims 1 and 14 have been amended to place all pending claims in condition for allowance. Claim 1 now contains the limitations previously found in claim 4 and claim 14 contains the limitations previously found in claim 16. Claims 4 and 16 had been indicated as allowable if rewritten in independent form. Thus, the amended claims 1 and 14 are now in allowable form. Claims 2-3, 5-8, 10-13, 15, and 17-21 are all dependent on claims 1 and 14, and should be allowed if claims 1 and 14 are allowed. Reconsideration of claims 1-3, 5-8, 10-15, and 17-21 is respectfully requested.

10 In view of the amendments to the claims, applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,

15 Winston Hsu

Date: 03.09.2006

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